

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048096.D
 Acq On : 09 Oct 2025 18:27
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 10 01:29:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

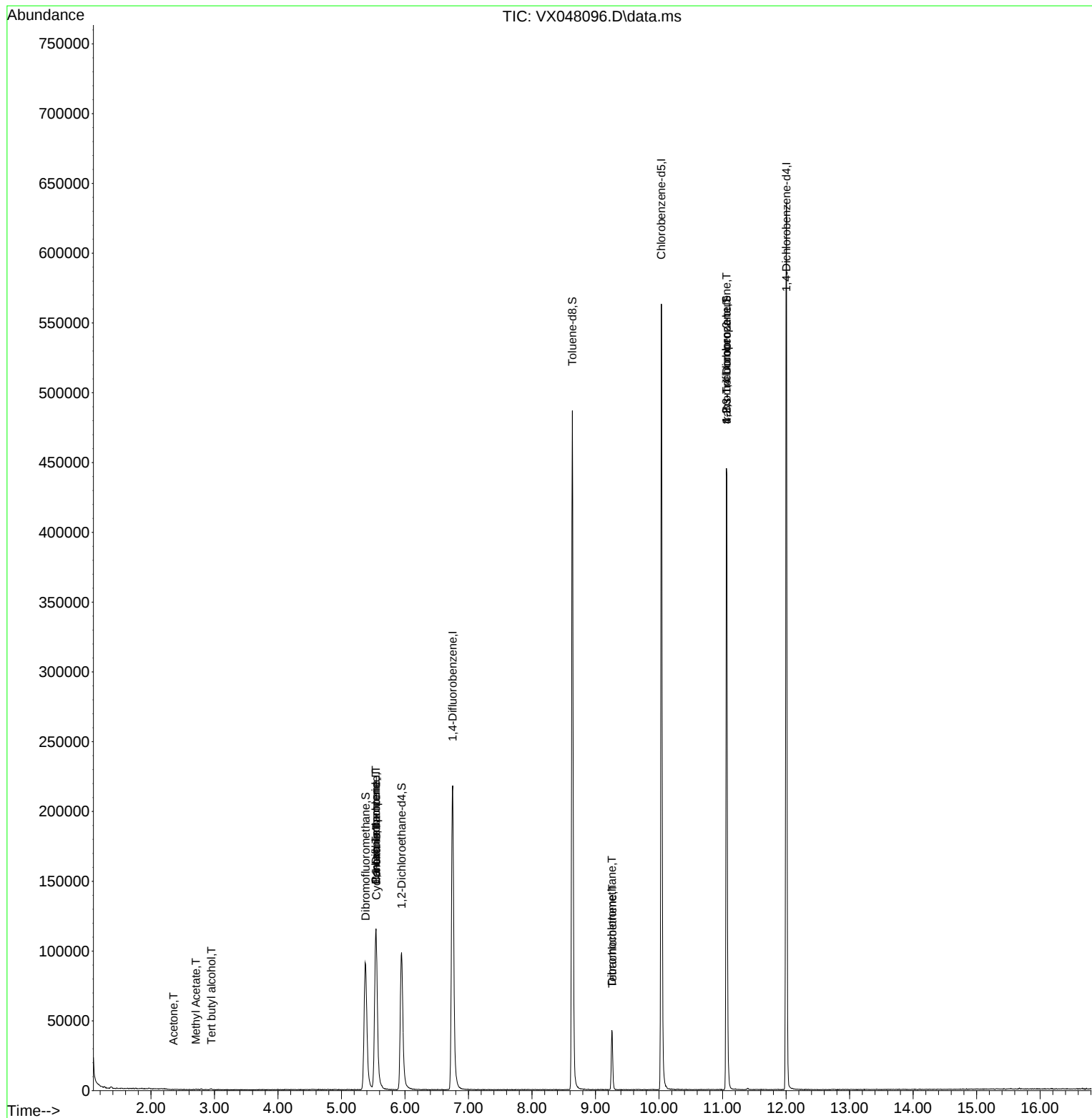
Internal Standards						
1) Pentafluorobenzene	5.544	168	114846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	237992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	253901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	110028	60.188	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 120.380%#			
35) Dibromofluoromethane	5.379	113	89399	56.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.020%			
50) Toluene-d8	8.635	98	300582	54.425	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.860%			
62) 4-Bromofluorobenzene	11.061	95	131566	62.770	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 125.540%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	46	0.226	ug/l #	72
16) Acetone	2.355	43	249	0.313	ug/l #	45
18) Methyl Acetate	2.709	43	443	0.250	ug/l #	64
31) Cyclohexane	5.550	56	2813	1.164	ug/l #	10
36) 1,1-Dichloropropene	5.544	75	10216	4.380	ug/l #	48
38) Carbon Tetrachloride	5.544	117	12658	4.995	ug/l #	17
60) Dibromochloromethane	9.256	129	8607	4.439	ug/l #	11
64) Tetrachloroethene	9.262	164	8463	5.113	ug/l	94
76) 1,2,3-Trichloropropane	11.061	75	69965	26.475	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	69965	67.514	ug/l #	8

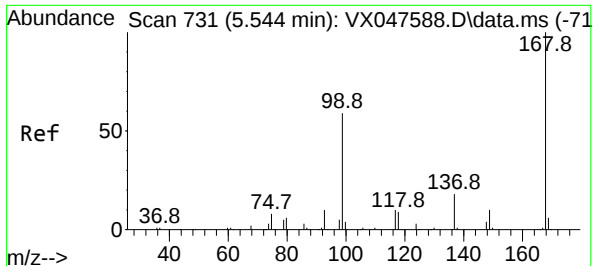
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
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QLast Update : Wed Sep 17 06:39:58 2025
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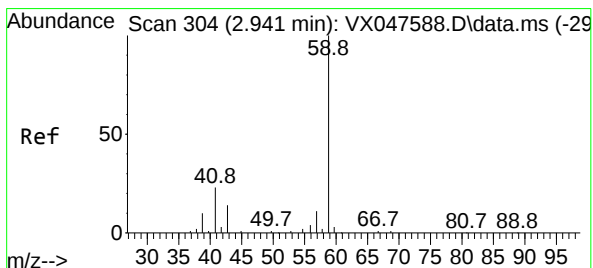
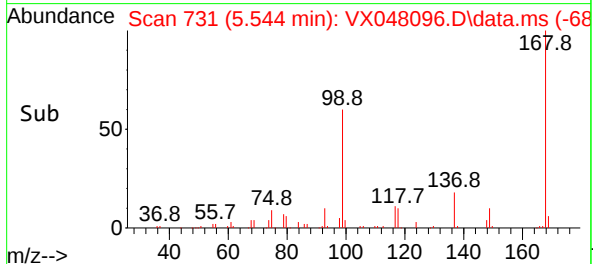
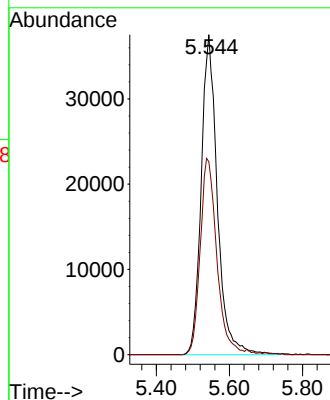
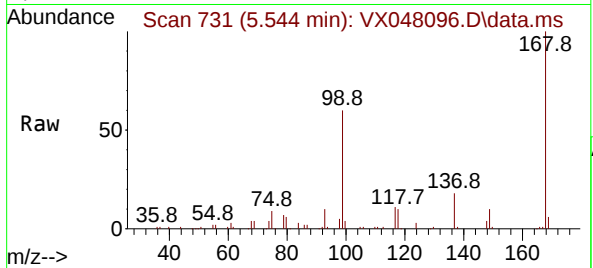




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

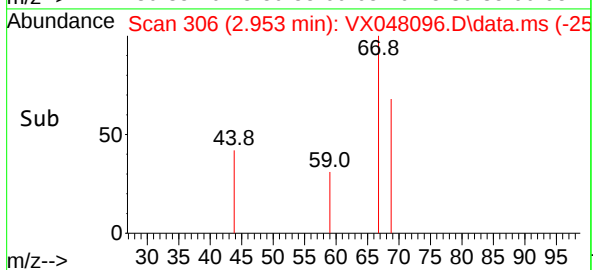
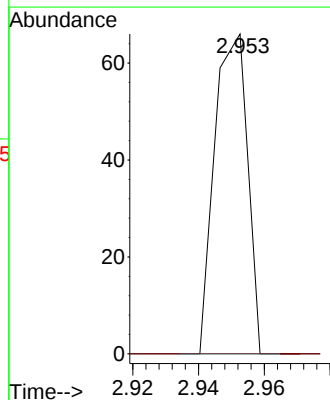
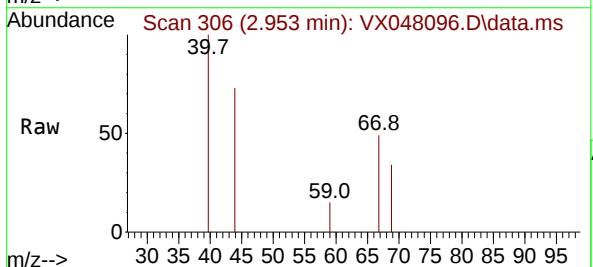
Instrument :
MSVOA_X
ClientSampleId :
IBLK

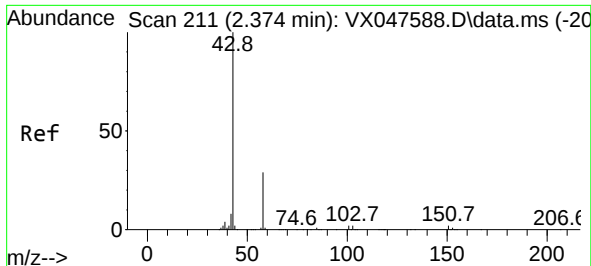
Tgt Ion:168 Resp: 114846
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.226 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Tgt Ion: 59 Resp: 46
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

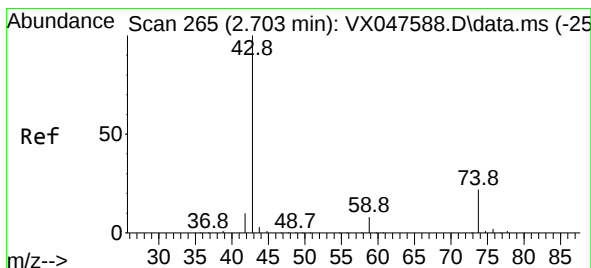
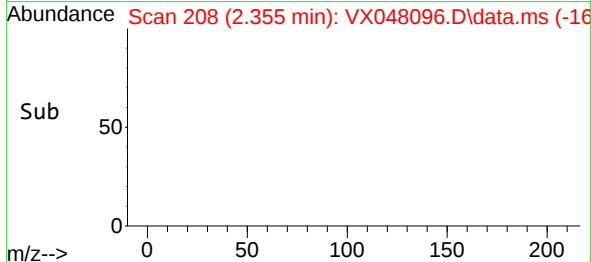
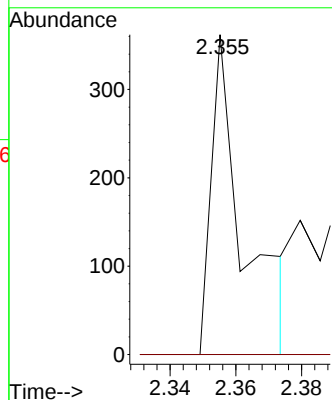
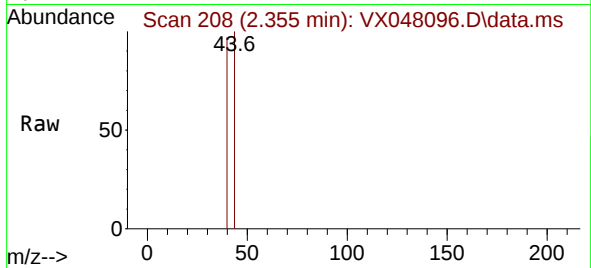




#16
Acetone
Concen: 0.313 ug/l
RT: 2.355 min Scan# 208
Delta R.T. -0.018 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

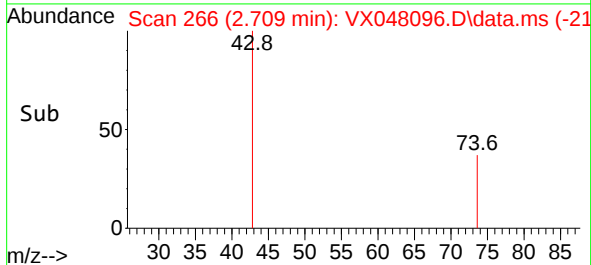
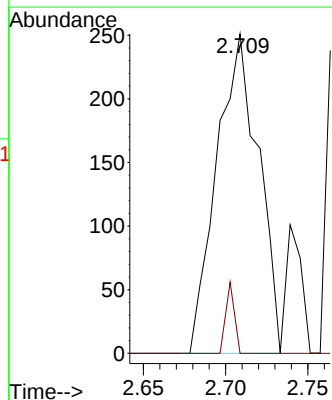
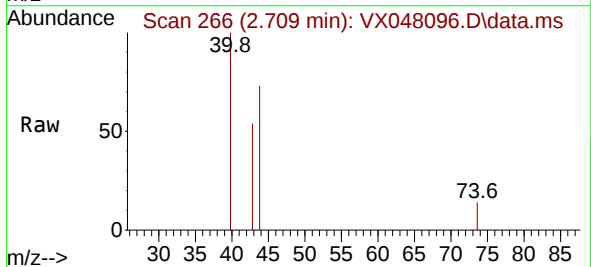
Instrument :
MSVOA_X
ClientSampleId :
IBLK

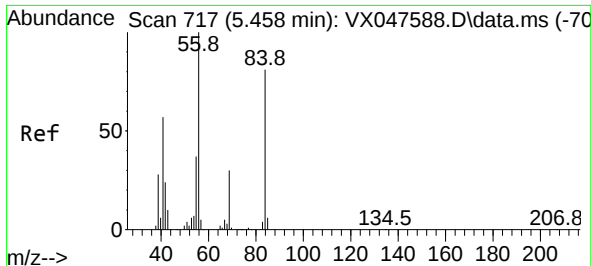
Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#



#18
Methyl Acetate
Concen: 0.250 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
74 4.5 17.4 26.2#

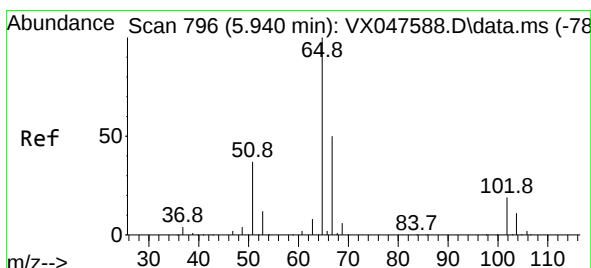
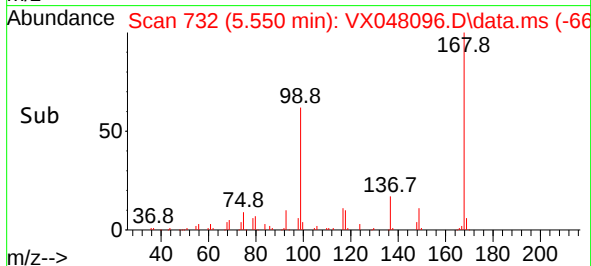
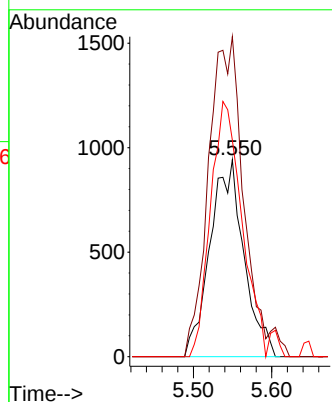
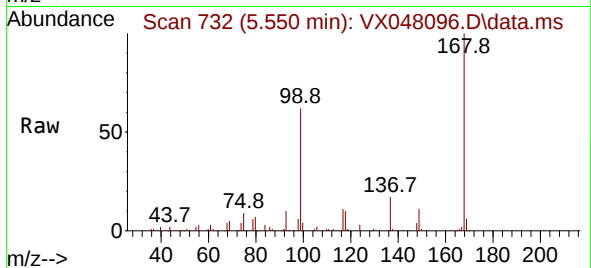




#31
Cyclohexane
Concen: 1.164 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

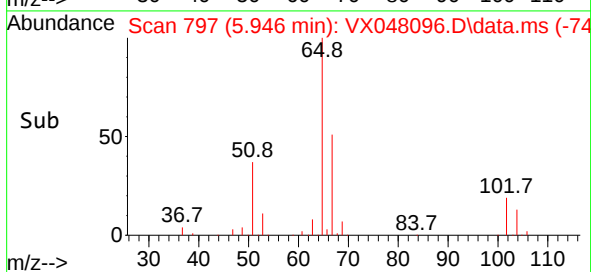
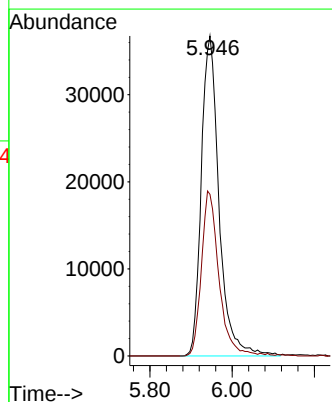
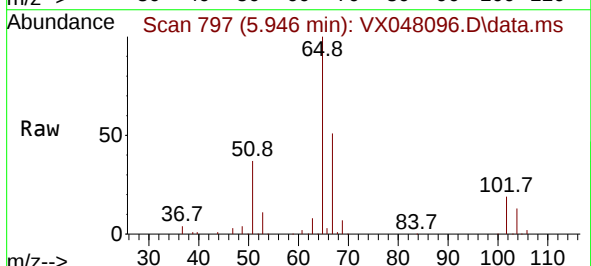
Instrument :
MSVOA_X
ClientSampleId :
IBLK

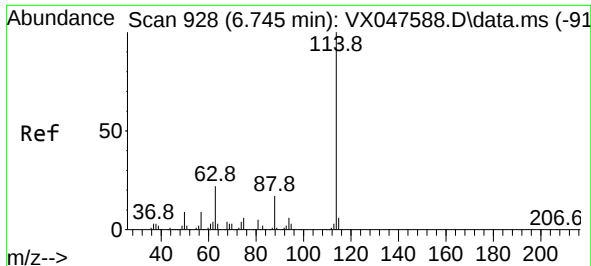
Tgt Ion: 56 Resp: 2813
Ion Ratio Lower Upper
56 100
69 162.5 23.8 35.8#
84 110.0 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 60.188 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Tgt Ion: 65 Resp: 110028
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

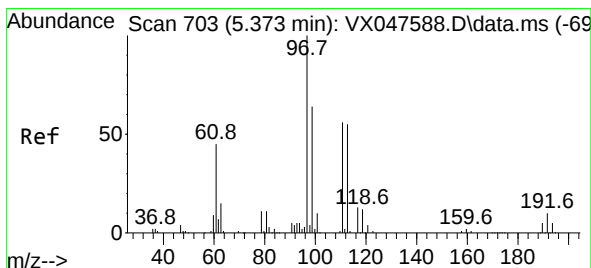
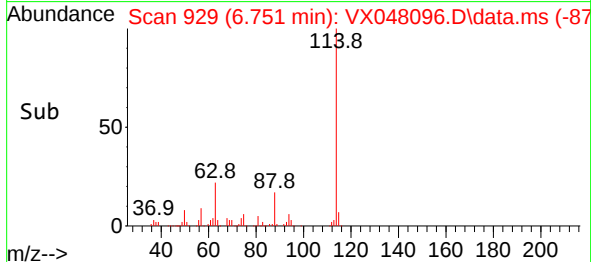
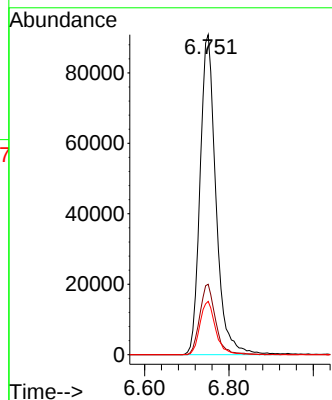
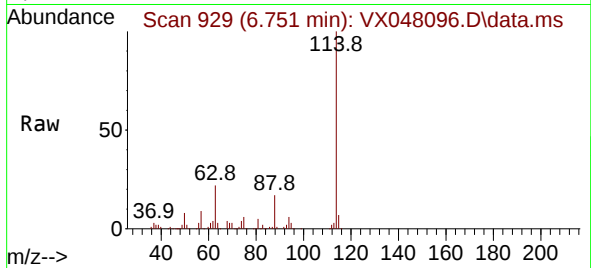




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

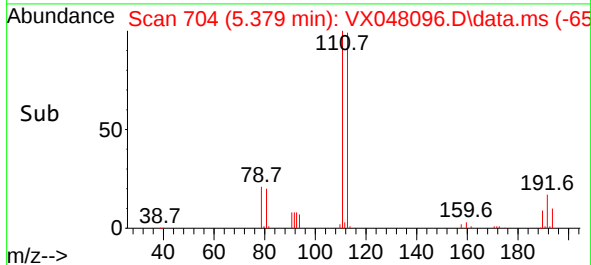
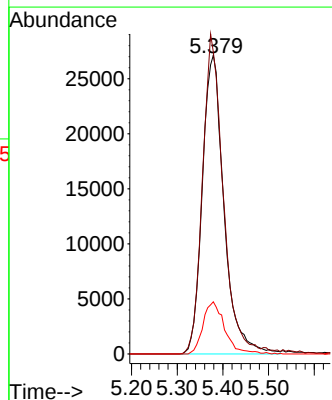
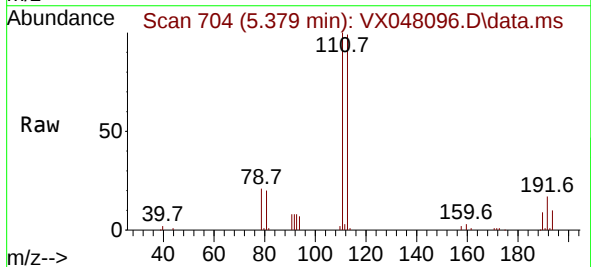
Instrument :
MSVOA_X
ClientSampleId :
IBLK

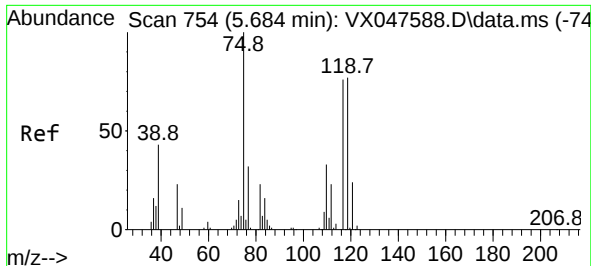
Tgt Ion:114 Resp: 237992
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 56.011 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Tgt Ion:113 Resp: 89399
Ion Ratio Lower Upper
113 100
111 101.2 80.9 121.3
192 17.4 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.380 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX048096.D

Acq: 09 Oct 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

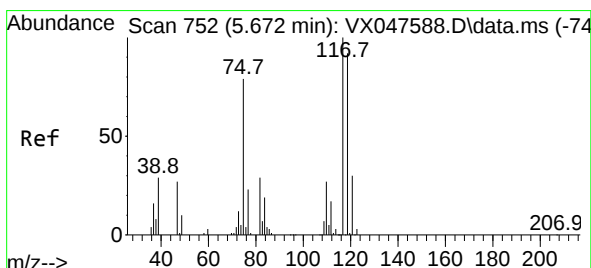
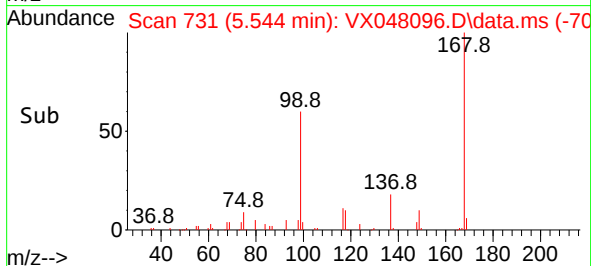
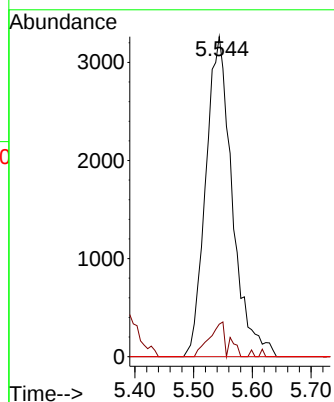
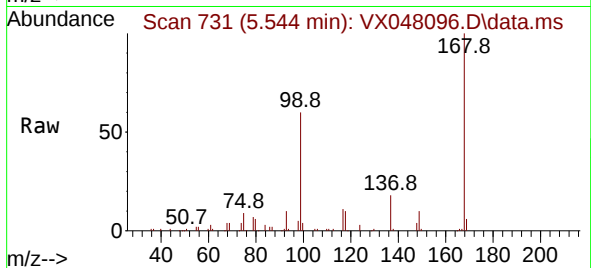
Tgt Ion: 75 Resp: 10216

Ion Ratio Lower Upper

75 100

110 6.0 16.7 50.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.995 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX048096.D

Acq: 09 Oct 2025 18:27

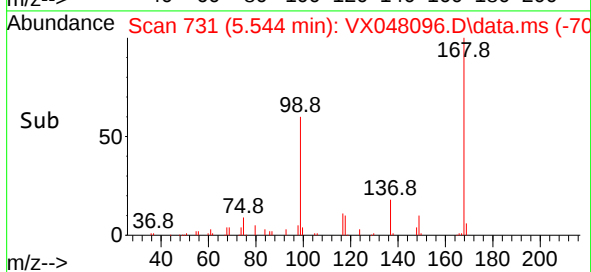
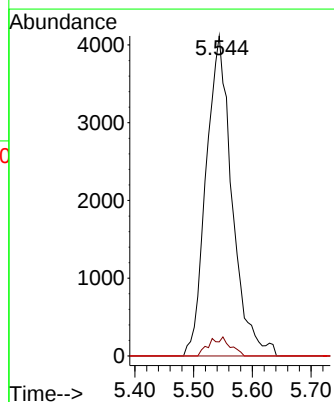
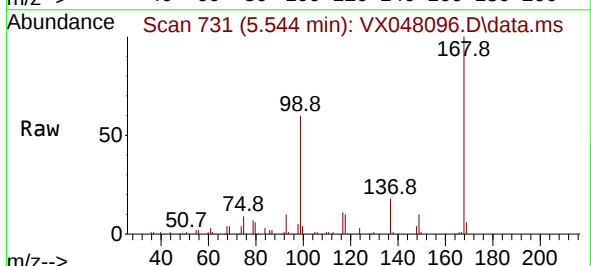
Tgt Ion: 117 Resp: 12658

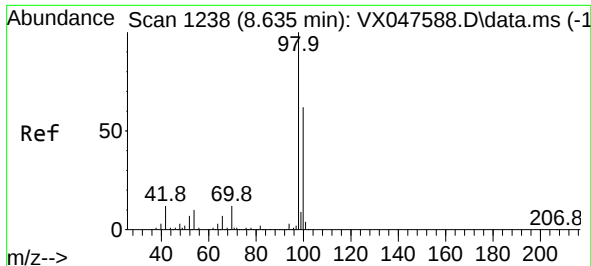
Ion Ratio Lower Upper

117 100

119 4.4 73.4 110.2#

121 0.0 23.8 35.6#

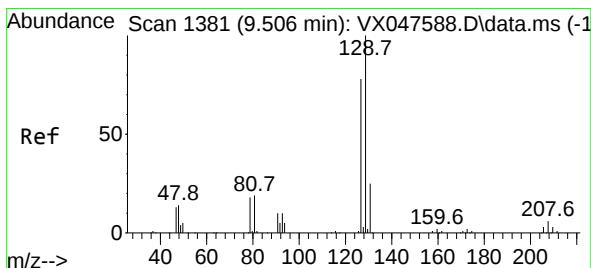
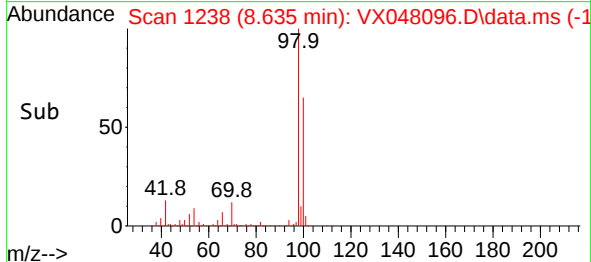
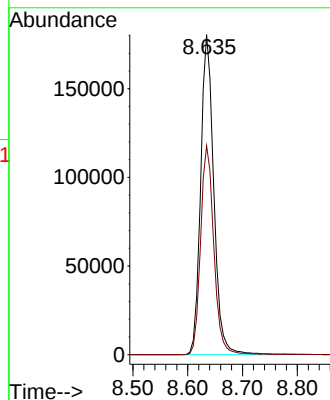
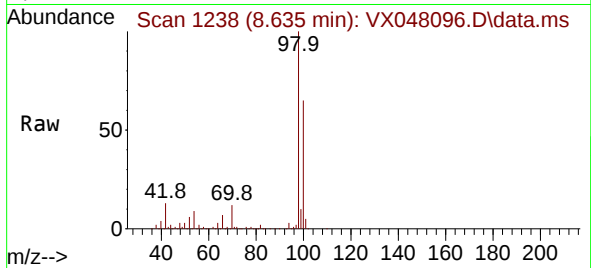




#50
Toluene-d8
Concen: 54.425 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

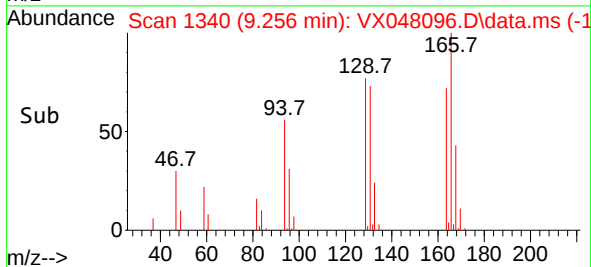
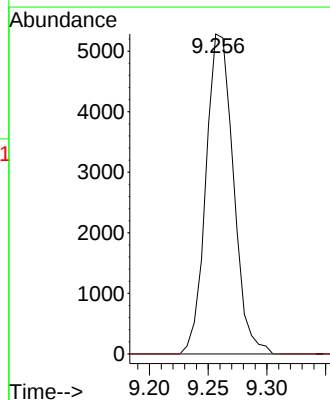
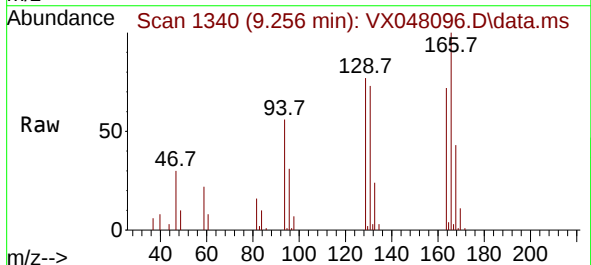
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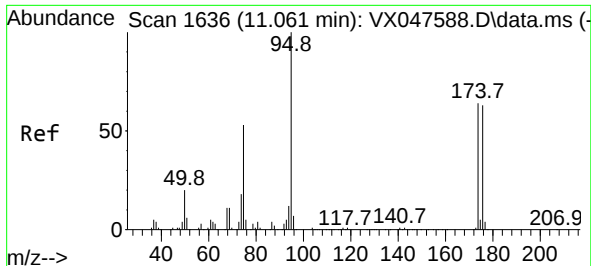
Tgt Ion: 98 Resp: 300582
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#60
Dibromochloromethane
Concen: 4.439 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.250 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Tgt Ion:129 Resp: 8607
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

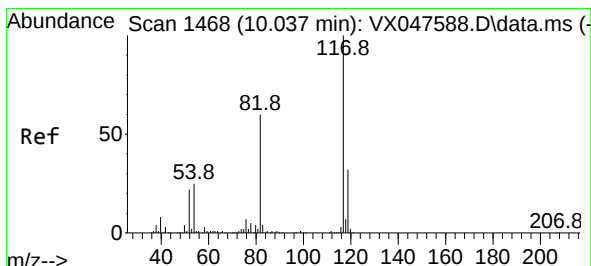
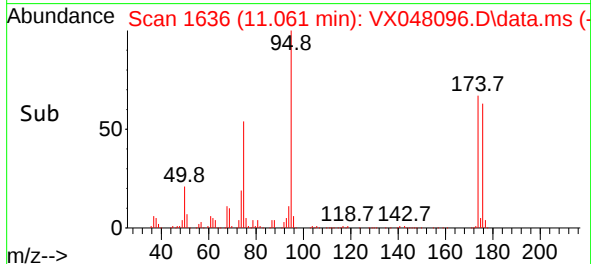
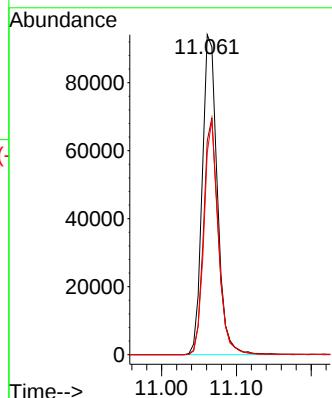
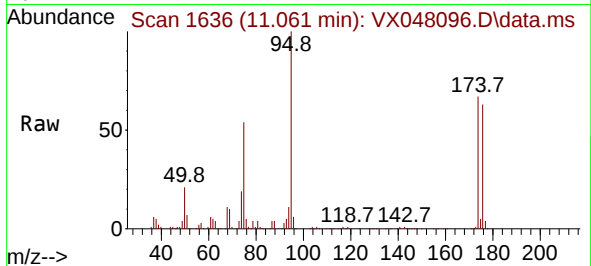




#62
4-Bromofluorobenzene
Concen: 62.770 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

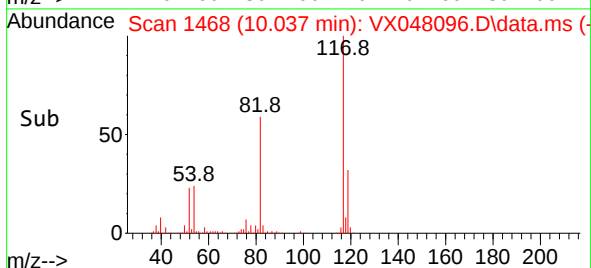
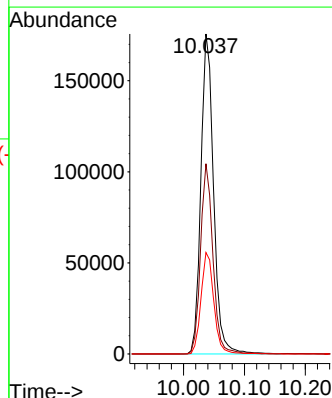
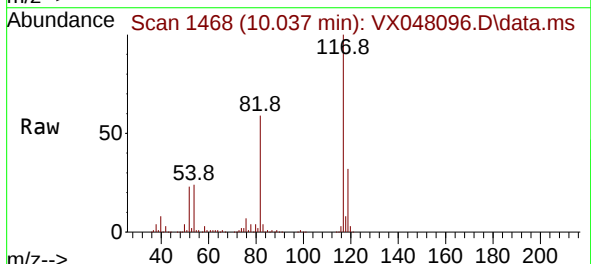
Instrument :
MSVOA_X
ClientSampleId :
IBLK

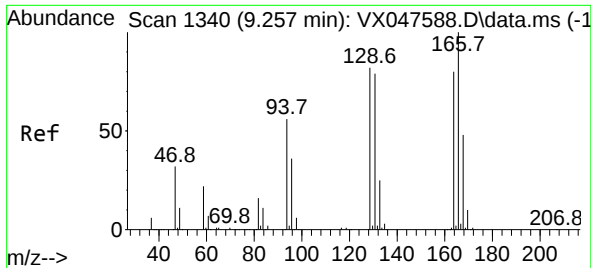
Tgt Ion: 95 Resp: 131566
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 70.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Tgt Ion: 117 Resp: 253901
Ion Ratio Lower Upper
117 100
82 59.5 47.8 71.6
119 31.7 25.2 37.8



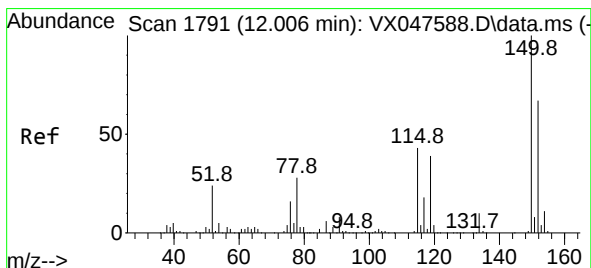
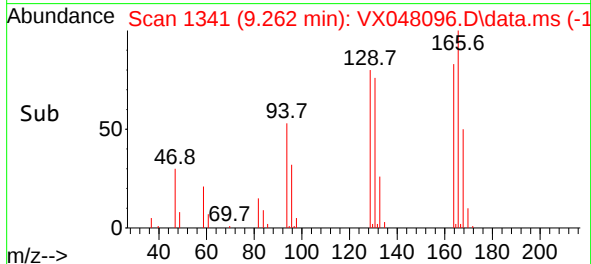
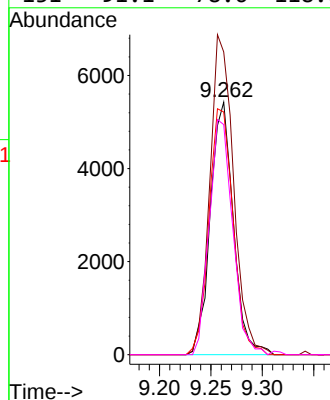
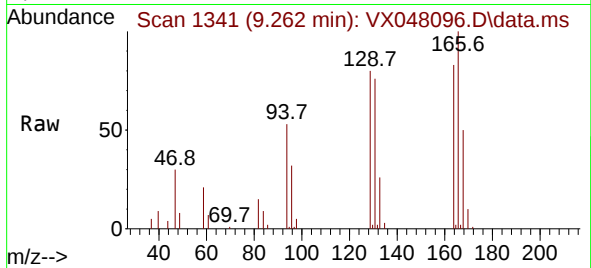


#64
Tetrachloroethene
Concen: 5.113 ug/l
RT: 9.262 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:164 Resp: 8463

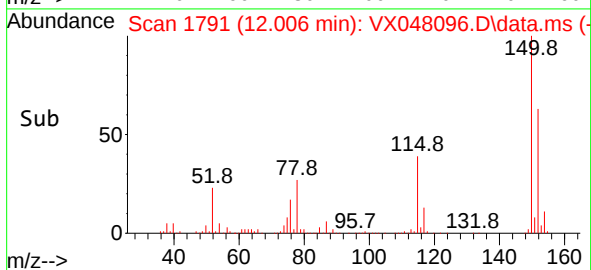
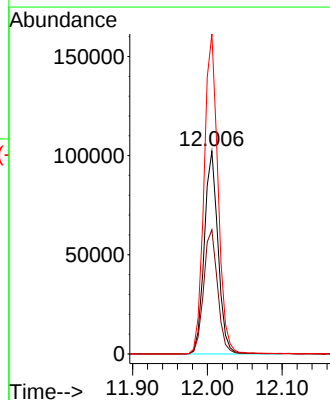
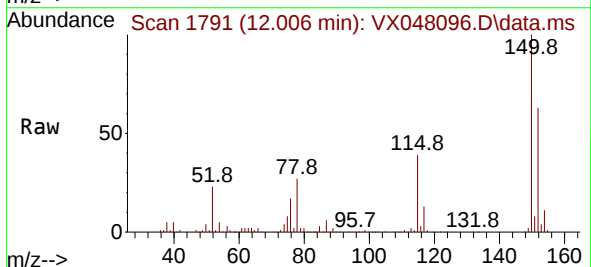
Ion	Ratio	Lower	Upper
164	100		
166	119.9	100.2	150.2
129	96.1	81.8	122.6
131	91.1	78.6	118.0

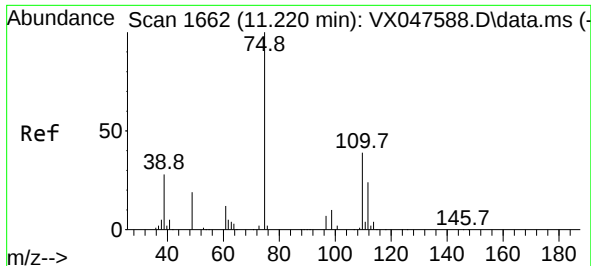


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Tgt Ion:152 Resp: 130525

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.9	134.5
150	160.3	0.0	352.0

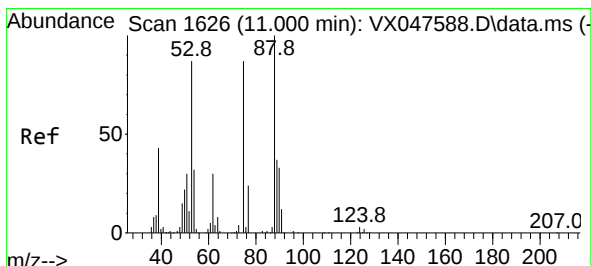
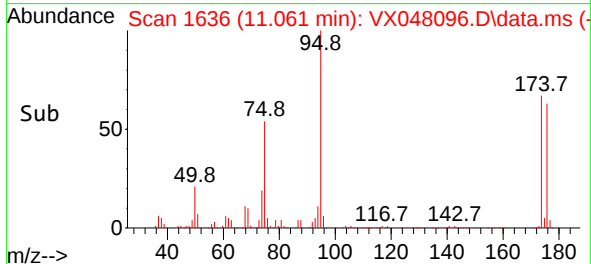
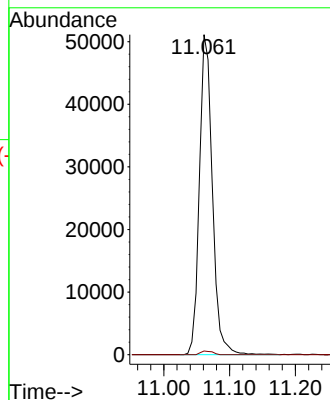
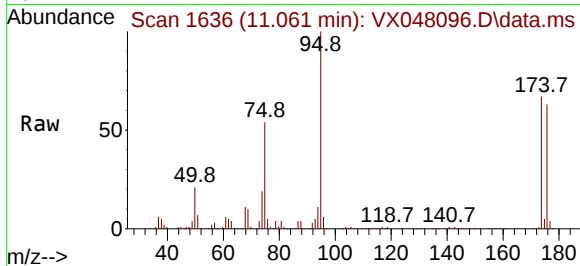




#76
1,2,3-Trichloropropane
Concen: 26.475 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.159 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 69965
Ion Ratio Lower Upper
75 100
77 1.1 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.514 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Tgt Ion: 75 Resp: 69965
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

